



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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JBF 30-00

AGRICULTURAL NEWS: Cold temperatures prevailed throughout the State last week with many areas receiving multiple frosts. Temperatures averaged 53 degrees for the week which was six degrees below normal. Precipitation averaged 0.01 inches for the week which was 0.66 inches below normal. **Topsoil moisture** as of Friday, October 13 was rated 9 percent very short, 30 percent short, 59 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 12 percent very short, 30 percent short, 57 percent adequate, and 1 percent surplus. **Days suitable for fieldwork** averaged 5.7 out of a possible 6 days. Primary farming activities continue to include harvesting corn and soybeans, sowing winter wheat, and stripping tobacco.

TOBACCO: As of Sunday, October 15, **burleytobacco** was 12 percent stripped. Tobacco stripping was well underway with good leaf color reported. A few reports of houseburn in early stripped tobacco were received. Condition of the housed tobacco was reported as 2 percent very poor, 6 percent poor, 24 percent fair, 50 percent good, and 18 percent in excellent condition.

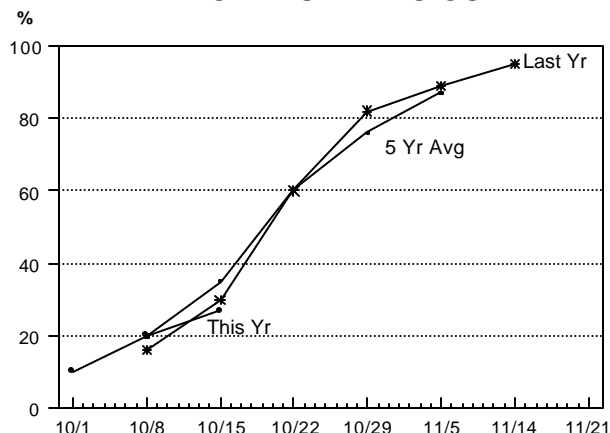
CORN: Eighty-seven percent of the corn crop was harvested as of Sunday, October 15. This compares to 95

percent the previous year, and 80 percent for the five-year average. Reports of excellent yields continue.

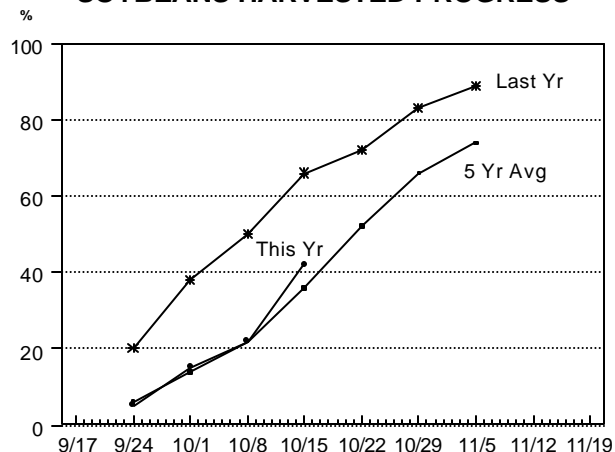
SOYBEANS: The soybean crop was yielding well. The condition of the crop last week was rated 1 percent very poor, 4 percent poor, 24 percent fair, 42 percent good, and 29 percent excellent. Ninety-six percent of the soybean crop was shedding leaves compared to 93 percent last year, and 87 percent on average. Forty-two percent of the State's soybeans were harvested. This compares to 66 percent last season, and exceeds the 5 year average of 36 percent. A few producers reported late soybeans being damaged by the frost which may result in loss of yield and quality.

OTHER CROPS: **Winter wheat** seeding was 27 percent complete as of Sunday, October 15. This compares to 30 percent last year and the five year average of 35 percent. Last week's dry weather helped wheat sowing to advance. **Pasture** condition was rated as 5 percent very poor, 11 percent poor, 27 percent fair, 46 percent good, and 11 percent excellent. Kentucky farmers continue to report excellent conditions for the State's livestock.

WHEAT PERCENT SEEDING COMPLETE



SOYBEANS HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 15, 2000
WITH COMPARISONS

| Crop Stage | This Week | Previous Year | 5-Yr. Avg. | Previous Week KY | Previous Week U.S. |
|-----------------|-----------|---------------|------------|------------------|--------------------|
| Percentage | | | | | |
| Soybeans | | | | | |
| Shedding Leaves | 96 | 93 | 87 | 81 | 95 |
| Harvested | 42 | 66 | 36 | 22 | 58 |
| Corn | | | | | |
| Harvested | 87 | 95 | 80 | 82 | 50 |
| Burley Tobacco | | | | | |
| Stripped | 12 | NA | NA | 7 | NA |
| Wheat Seeded | 27 | 30 | 35 | 20 | 50 |

(NA) Data Not Available.

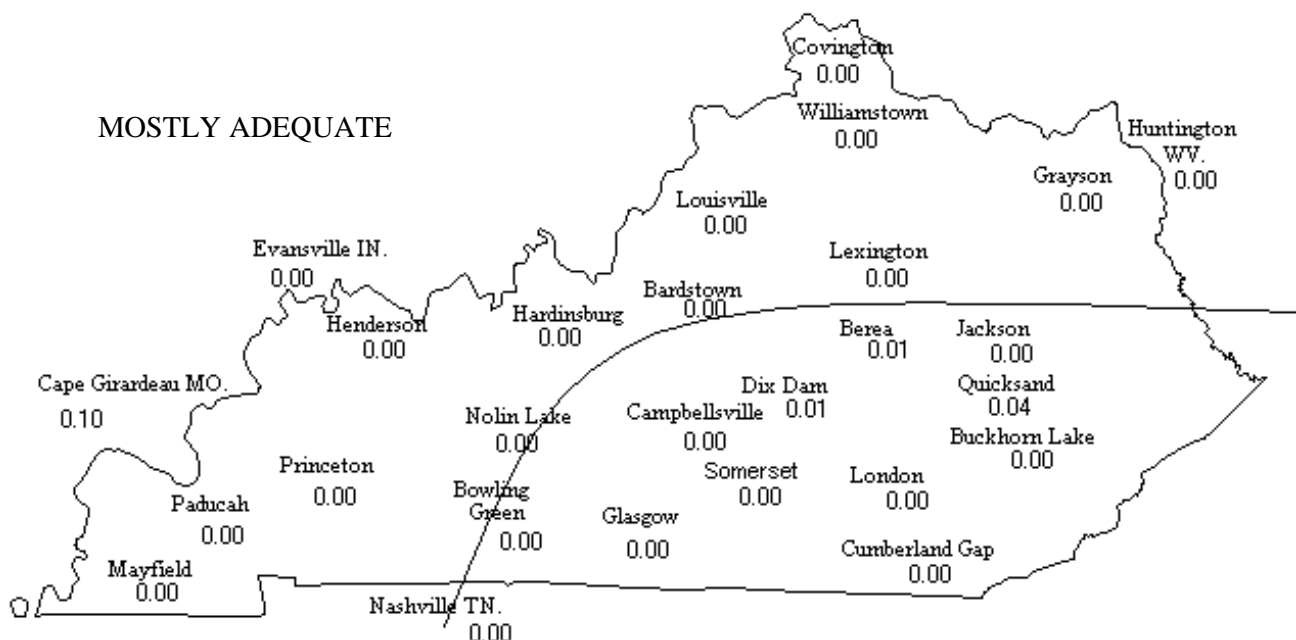
SOIL MOISTURE
WEEK ENDING OCTOBER 13, 2000
WITH COMPARISONS

| | This Week | Previous Week |
|----------------|-----------|---------------|
| Percentage | | |
| TOPSOIL | | |
| Very Short | 9 | 4 |
| Short | 30 | 20 |
| Adequate | 59 | 71 |
| Surplus | 2 | 5 |
| SUBSOIL | | |
| Very Short | 12 | 9 |
| Short | 30 | 24 |
| Adequate | 57 | 63 |
| Surplus | 1 | 4 |

KENTUCKY CROP CONDITIONS (Percent)

| CROP | WEEK ENDING OCTOBER 13, 2000 | | | | | WEEK ENDING OCTOBER 6, 2000 | | | | |
|----------------|------------------------------|------|------|------|----------------|-----------------------------|------|------|------|----------------|
| | VERY POOR | POOR | FAIR | GOOD | EXCEL- LENT | VERY POOR | POOR | FAIR | GOOD | EXCEL- LENT |
| Soybeans | 1 | 4 | 24 | 42 | 29 | 1 | 2 | 23 | 44 | 30 |
| Pasture | 5 | 11 | 27 | 46 | 11 | 2 | 7 | 27 | 52 | 12 |
| Housed Tobacco | 2 | 6 | 24 | 50 | 18 | 1 | 4 | 22 | 57 | 16 |

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 15, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 13, 2000



KENTUCKY WEATHER SUMMARY, OCTOBER 9 - 15, 2000:

BELOW NORMAL TEMPERATURES AND RAINFALL:

Cold temperatures were the story last week with areas across the State receiving overnight frost. Record or near record lows were reached in many areas of Kentucky with those temperatures being in the upper 20s or low 30s. High temperatures did manage to reach normal conditions by the end of the work week. Rainfall was scarce across the State except for a few brief showers at the beginning of the week.

Temperatures for the period averaged 53 degrees across the State which was 6 degrees BELOW NORMAL. High temperatures averaged from 72 in the West to 69 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to NEAR NORMAL in the East. Low temperatures averaged from 38 degrees in the West to 34 degrees in the East. Departure from normal low temperature ranged from 12 degrees BELOW NORMAL in the West to 13 degrees BELOW NORMAL in the East.

Rainfall for the period totaled 0.01 inches statewide which was 0.66 inches BELOW NORMAL. Precipitation totals by climate division, West 0.02 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.67, 0.66, 0.62 and 0.67 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 0.04 inches at Quicksand.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, OCTOBER 15, 7:00 P.M.

| Weather Station | Rainfall | | | Deviation From | | Air Temperature | | | | Relative Humidity | |
|-----------------|-----------|---------------|---------------|----------------------|-----------------|-----------------|-----|-----------|----------------|-------------------|-----|
| | Last Week | Since April 1 | Last Four Wks | Norm Since Apr. 1 | Norm Last 4 Wks | High | Low | Wkly Avg. | Dev. From Norm | Average High | Low |
| | (Inches) | | | (Degrees Fahrenheit) | | | | | | | |
| Bardstown | 0.00 | 20.96 | 2.43 | -4.42 | -0.20 | 77 | 29 | 52.1 | -7 | 95 | 49 |
| Berea | 0.01 | 26.64 | 1.36 | -0.14 | -1.73 | 79 | 28 | 53.1 | -5 | 90 | 45 |
| Bowling Green | 0.00 | 21.45 | 1.76 | -5.41 | -1.31 | 81 | 29 | 53.0 | -6 | -- | -- |
| Bristol | 0.00 | 21.12 | 1.48 | -1.62 | -1.19 | 76 | 26 | 49.6 | -8 | -- | -- |
| Buckhorn Lake | 0.00 | 30.46 | 2.09 | +4.94 | -0.86 | 78 | 27 | 50.1 | -8 | -- | -- |
| Cape Girardeau | 0.10 | 18.79 | 4.43 | -6.35 | +1.43 | 83 | 26 | 53.8 | -7 | -- | -- |
| Campbellsville | 0.00 | 27.61 | 1.54 | -2.58 | -1.99 | 78 | 28 | 51.6 | -7 | 93 | 46 |
| Covington | 0.00 | 26.18 | 4.98 | +2.46 | +2.35 | 77 | 31 | 52.8 | -5 | -- | -- |
| Cumberland Gap | 0.00 | 21.75 | 1.43 | -5.68 | -1.50 | 81 | 27 | 51.1 | -7 | 95 | 43 |
| Dix Dam | 0.01 | 23.31 | 2.26 | -2.97 | -0.60 | 78 | 29 | 52.2 | -6 | -- | -- |
| Evansville | 0.00 | 26.02 | 2.85 | +2.25 | +0.17 | 80 | 29 | 54.7 | -6 | -- | -- |
| Glasgow | 0.00 | 24.93 | 1.48 | -3.97 | -1.66 | 84 | 25 | 53.9 | -5 | 95 | 46 |
| Grayson | 0.00 | 26.11 | 2.58 | +1.57 | -0.06 | 78 | 32 | 52.1 | -6 | 95 | 49 |
| Hardinsburg | 0.00 | 23.82 | 3.39 | -2.83 | +0.33 | 79 | 25 | 54.1 | -5 | 96 | 55 |
| Henderson | 0.00 | 24.31 | 2.95 | -0.36 | +0.11 | 80 | 28 | 54.8 | -6 | 96 | 50 |
| Huntington | 0.00 | 25.05 | 2.43 | +0.39 | -0.22 | 78 | 32 | 52.7 | -5 | -- | -- |
| Jackson | 0.00 | 32.01 | 2.88 | +5.42 | -0.05 | 79 | 32 | 54.5 | -3 | -- | -- |
| Lexington | 0.00 | 24.01 | 2.94 | -1.37 | +0.31 | 78 | 31 | 52.9 | -5 | -- | -- |
| London | 0.00 | 22.02 | 2.07 | -2.67 | -0.77 | 78 | 28 | 50.6 | -7 | -- | -- |
| Louisville | 0.00 | 25.86 | 5.06 | +1.03 | +2.38 | 79 | 30 | 55.0 | -4 | -- | -- |
| Mayfield | 0.00 | 17.16 | 2.21 | -10.31 | -1.26 | 81 | 30 | 53.9 | -7 | 96 | 49 |
| Nashville | 0.00 | 21.65 | 1.41 | -3.28 | -1.34 | 82 | 30 | 54.7 | -4 | -- | -- |
| Nolin Lake | 0.00 | 22.99 | 2.40 | -5.49 | -0.96 | 78 | 27 | 51.7 | -7 | -- | -- |
| Paducah | 0.00 | 23.82 | 3.75 | -2.85 | +0.70 | 82 | 30 | 55.8 | -5 | 92 | 47 |
| Princeton | 0.00 | 25.57 | 2.85 | -1.15 | -0.07 | 81 | 28 | 56.2 | -5 | 98 | 56 |
| Quicksand | 0.04 | 35.56 | 2.46 | +8.97 | -0.47 | 79 | 27 | 50.6 | -7 | 98 | 47 |
| Somerset | 0.00 | 30.40 | 1.76 | +2.35 | -1.56 | 80 | 28 | 50.9 | -7 | 93 | 46 |
| Spindletop | 0.00 | 22.57 | 3.11 | -2.81 | +0.48 | 77 | 30 | 53.5 | -4 | 90 | 52 |
| Williamstown | 0.00 | 25.12 | 2.68 | -0.11 | -0.15 | 77 | 31 | 53.0 | -5 | 94 | 51 |

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 8, 2000

Corn Percent Harvested

| Stat | Oct 8 2000 | Prev Week | Prev Year | 5-Yr Avg |
|--|---------------|--------------|--------------|-------------|
| CO | 27 | 18 | 14 | 14 |
| IL | 58 | 44 | 54 | 33 |
| IN | 33 | 22 | 51 | 26 |
| IA | 53 | 38 | 29 | 18 |
| KS | 96 | 88 | 49 | 47 |
| KY | 82 | 64 | 91 | 67 |
| MI | 7 | 4 | 25 | 16 |
| MN | 32 | 12 | 23 | 20 |
| MO | 86 | 78 | 65 | 52 |
| NE | 66 | 52 | 28 | 20 |
| NC | 75 | 70 | 72 | 80 |
| ND | 18 | 4 | 8 | 18 |
| OH | 14 | 6 | 37 | 16 |
| PA | 12 | 9 | 19 | 19 |
| SD | 31 | 17 | 17 | 14 |
| TN | 95 | 88 | 99 | 88 |
| TX | 91 | 88 | 89 | 88 |
| WI | 15 | 7 | 25 | 16 |
| ALL | 50 | 37 | 39 | 28 |
| These 18 States harvested 94% of last year's corn acreage. | | | | |

Soybeans Percent Harvested

| Stat | Oct 8 2000 | Prev Wee | Prev Year | 5-Yr Avg. |
|---|---------------|-------------|--------------|--------------|
| AR | 30 | 19 | 28 | 20 |
| IL | 53 | 30 | 46 | 46 |
| IN | 44 | 21 | 65 | 48 |
| IA | 76 | 49 | 57 | 50 |
| KS | 76 | 65 | 23 | 24 |
| KY | 22 | 15 | 50 | 22 |
| LA | 83 | 66 | 71 | 59 |
| MI | 11 | 4 | 41 | 29 |
| MN | 95 | 72 | 57 | 53 |
| MS | 70 | 62 | 66 | 54 |
| MO | 50 | 30 | 31 | 23 |
| NE | 66 | 40 | 53 | 40 |
| NC | 4 | 0 | 9 | 6 |
| ND | 75 | 49 | 39 | 61 |
| OH | 38 | 11 | 67 | 44 |
| SD | 66 | 44 | 30 | 33 |
| TN | 27 | 17 | 35 | 15 |
| WI | 45 | 16 | 35 | 30 |
| ALL | 58 | 37 | 48 | 41 |
| These 18 States harvested 95% of last year's soybean acreage. | | | | |

Winter Wheat Percent Planted

| State | Oct 8 2000 | Prev Week | Prev Year | 5-Yr Avg |
|--|---------------|--------------|--------------|-------------|
| AR | 6 | 2 | 7 | 8 |
| CA | 15 | 10 | 2 | 1 |
| CO | 87 | 77 | 93 | 89 |
| ID | 68 | 48 | 59 | 61 |
| IL | 12 | 4 | 28 | 20 |
| IN | 28 | 8 | 36 | 31 |
| KS | 49 | 25 | 74 | 64 |
| MI | 56 | 21 | 54 | 51 |
| MO | 25 | 9 | 22 | 22 |
| MT | 51 | 25 | 78 | 76 |
| NE | 94 | 81 | 96 | 93 |
| NC | 12 | 10 | 14 | 14 |
| OH | 43 | 6 | 54 | 41 |
| OK | 31 | 23 | 69 | 54 |
| OR | 47 | 29 | 4 | 40 |
| SD | 78 | 61 | 89 | 90 |
| TX | 46 | 38 | 56 | 61 |
| WA | 88 | 71 | 83 | 85 |
| ALL | 50 | 34 | 65 | 60 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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